

164715

Sauget Area 2: Metals

Sample	Parameter (mg/kg)							
	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
Q201	6.9	191	0.15	10.3	28.7	0.18	1.0	0.36
Q202	9.4	232	4.4	15.9	92.4	1.6	1.9	0.71
Q203	4.7	135	1.2	11.0	128	0.08	1.1	1.4
Q204	32.9	969	20.8	125	2450	0.42	0.62	18.7
Q205	4.8	128	5.0	304	162	0.15	1.3	0.40
Q206	3.4	70.6	3.2	13.3	139	0.28	0.76	0.37
Q207	7.3	169	0.67	17.4	47.8	0.16	1.4	0.32
Q208	0.19	416	139	3900	2300	12.2	8.1	0.80
Ontario (LEL)	6.0	NA	0.6	26.0	31.0	0.2	NA	NA

Sauget Area 2: PCBs

Sample	Parameter (mg/kg)		
	PCB-1254	PCB-1248	PCB-1260
Q201	0.72	0.48	0.51
Q202	1.7	1.6	0.76
Q203	0.088	ND	0.11
Q204	1.8	0.92	1.1
Q205	0.034	ND	0.028
Q206	4.2	2.6	1.9
Q207	1.6	ND	1.8
Q208	ND	120	ND
Ontario (LEL)	0.06	0.03	0.005

Key: ND - Non Detect

Note: Arochlors 1016, 1221, 1232, and 1242 were also tested for, but were not detected in any sample.

Sauget Area 2: PAHs

Parameter (mg/kg)	Q202	Ontario (LEL)
Phenanthrene	0.79	0.56
Fluoranthene	1.80	0.75
Pyrene	1.90	0.49
Benzo(a)Anthracene	1.70	0.32
Chrysene	2.00	0.34
Benzo(b)Fluoranthene	1.80	NA
Benzo(k)Fluoranthene	1.80	0.24
Benzo(a)Pyrene	1.60	0.37
Indeno(1,2,3-cd)Pyrene	1.10	0.20
Dibenz(a,h)Anthracene	0.61	0.60
Benzo(g,h,i)Perylene	1.20	0.17

Key: NA - Not Available

Note: Other PAHs and the other samples were tested, however, all of those results were below the detection limit.